

10620 Chinese Cinnabar

Updated Edition: 26.09.2003

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Information:

Product Name: Chinese Cinnabar
Article No. 10620
Application: Artists' and Restauration Material

Company: Kremer Pigmente GmbH & Co. KG
Hauptstrasse 41-47, D - 88317 Aichstetten
Tel. +49 7565 91120 Fax. +49 7565 1606
www.kremer-pigmente.de, kremer-pigmente@t-online.de

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical composition:
Natural cinnabar, vermilion.

3. HAZARD IDENTIFICATION

Unknown.

4. FIRST AID MEASURES

After inhalation: Take affected person into fresh air, in case of discomfort get medical help.
After skin contact: Wash affected skin with soap and water.
After eye contact: Rinse open eye for several minutes under running water. If symptoms persist, consult physician.
After ingestion: Immediately get medical help.

5. FIRE-FIGHTING MEASURES

Extinguishing media: No restrictions. Product is not combustible. Do not inhale fumes.
Protective equipment: No special equipment required.

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6. ACCIDENTAL RELEASE MEASURES

Person-related safety measures: Clean-up with appropriate personal equipment, without causing dust.

Environmental protective measures: -

Methods of cleaning/absorption: Collect mechanically.

7. HANDLING AND STORAGE

Handling

Instructions on safe handling: Avoid dust formation. Provide good ventilation.

Information of fire and explosion protection: Product is not inflammable.

Storage

Advice on storage compatibility: -

Storage conditions: A moderately dry, well-ventilated area

VbF Class: 13

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design

of technical systems: Provide good ventilation.

General protective measures: Do not inhale dust. When using do not eat, drink or smoke. Keep out of reach of children.

Respiratory protection: Dust mask recommended when very dusty (TLV-TWA = 4 mg/m³).

Hand protection: not required

Eye protection: safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: powder

Color: red

Odor: none

Data relevant to safety:

Melting temperature: not applicable

Boiling temperature: not applicable

Ignition temperature: not applicable

Density: not applicable

Solubility in water: not soluble

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10. STABILITY AND REACTIVITY

Stability: Stable when handled and stored according to specifications.
Hazardous reactions: none

11. TOXICOLOGICAL INFORMATION

Product is not toxic, however the dust can cause irritation of the mucous membrane.

12. ECOLOGICAL INFORMATION

Natural product; not hazardous.

Water hazard class: 0, not hazardous

13. DISPOSAL CONSIDERATIONS

Can be disposed in accordance with local and national regulations.

14. TRANSPORT INFORMATION

No restrictions. Non-hazardous goods.

15. REGULATORY INFORMATION

Designation according to EC guidelines: The material is not subject to classification according to the EEC Directive 67/548/EEC.

MAK Value: 4 mg/m³
Water hazard class: 0, not hazardous

16. OTHER INFORMATION

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.

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Tested according to ASTM D 5517 April 24, 2001

Antimony:	0,003 mg/l
Arsenic:	0,004 mg/l
Barium:	0,473 mg/l
Beryllium:	< 0,005 mg/l
Lead:	0,096 mg/l
Cadmium:	0,001 mg/l
Chrome:	0,056 mg/l
Cobalt:	0,007 mg/l
Copper:	0,080 mg/l
Manganese:	< 0,050 mg/l
Nickel:	0,063 mg/l
Osmium:	< 0,005 mg/l
Mercury:	0,827 mg/l
Selenium:	< 0,001 mg/l
Silver:	0,039 mg/l
Thallium:	0,005 mg/l
Vanadium:	< 0,005 mg/l
Tin:	0,007 mg/l
Zinc:	0,150 mg/l